

INSIGNIFICANT EMISSIONS UNITS

The following systems and equipment are considered insignificant emissions units and are not subject to equipment specific requirements. However, these units are required to comply with all applicable general requirements.

Process Description	Basis for Exemption
Ingredient preparation (transfer, washing, sorting/grading, cutting, dicing, peeling, grinding, dumping, waste stream, conveyors, thaw cabinet, barrel washer, spice batching, pepper slicing, onion slicing)	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Blending (blenders, mixers, kettles, blanching/cooking)	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Filling (can filler, can sealer)	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Sterilizing (retorts, heat sterilization/cookers, hydrostatic cookers, can cooling section)	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Packaging (casing, shrinkwrapping, palletizing)	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Hot melt glue application on Lines 4, Z, LL01, LL02, LL03, LL04, LL05, LL07, LL08	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Cold glue on Line 4	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Fork lifts and on-site diesel trucks	SMAQMD Rule 201 Section 111.1, vehicles used to transport passengers and freight
Vacuum pumps	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Air conditioning equipment	SMAQMD Rule 201 Section 115, cooling systems
Building ventilation	SMAQMD Rule 201 Section 115, cooling systems
Ventilation heat tunnels	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Laboratory equipment	SMAQMD Rule 201 Section 120, laboratory equipment
Air flow cleaners	SMAQMD Rule 201 Section 115, cooling systems
Maintenance welding hoods	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Lubrication stations	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Paint booth	SMAQMD Rule 201 Section 118.2, < 1 gallon/day
Battery usage and charging station	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Insect and rodent fumigation service performed by contractor	SMAQMD Rule 201 Section 121 Maintenance

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Process Description	Basis for Exemption
Ammonia refrigeration	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Fructose Tank	SMAQMD Rule 201 Section 117.2 Vapor pressure < 0.1 psi at 20°C
Vegetable oil tanks (20,000 gallon outside silo)	SMAQMD Rule 201 Section 117.2 Vapor pressure < 0.1 psi at 20°C
Fructose tank	SMAQMD Rule 201 Section 117.2 Vapor pressure < 0.1 psi at 20°C
Vegetable oil tank (20,000 gallon outside silo)	SMAQMD Rule 201 Section 117.2 Vapor pressure < 0.1 psi at 20°C
Vegetable oil tank (3,000 gallons on 3rd floor)	SMAQMD Rule 201 Section 117.3 Vapor pressure < 1.5 psi at 20°C and capacity < 6076 gallons
Diesel tanks	SMAQMD Rule 201 Section 117.3 Vapor pressure < 1.5 psi at 20°C and capacity < 6076 gallons
Gasoline tank	SMAQMD Rule 201 Section 117.3 Vapor pressure < 1.5 psi at 20°C and capacity < 6076 gallons
Propane tanks	SMAQMD Rule 201 Section 117.1 Compressed gas
Liquid nitrogen tank	SMAQMD Rule 201 Section 117.1 Liquefied gas
Phosphate tank (liquid)	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Corrosion inhibitor tanks	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Sodium hypochlorite tanks	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Belt lubricant tank (850 gallons)	SMAQMD Rule 201 Section 117.3 Vapor pressure < 1.5 psi at 20°C and capacity < 6076 gallons
Detergent tank (3,050 gallons in Soap Room)	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Detergent tank (3,800 gallons in Soap Room)	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Detergent tank (3,800 gallons in Soap Room)	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Detergent tank (1,500 gallons in Soap Room)	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Caustic tanks	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Ammonia tank	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Biocide tanks	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Chlorine/bleach tanks	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Distilled vinegar tank	SMAQMD Rule 201 Section 122, < 2 lb/24 hours

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Process Description	Basis for Exemption
Hydrochloric acid tank	SMAQMD Rule 201 Section 122, < 2 lb/24 hours
Cooling towers, HVACs	SMAQMD Rule 201 Section 115, Cooling system
Cooling towers, air compressors	SMAQMD Rule 201 Section 115, Cooling system
Cooling towers, hydrostatic cookers	SMAQMD Rule 201 Section 115, Cooling system
Evaporative condensers, refrigeration	SMAQMD Rule 201 Section 115, Cooling system

ACRONYMS, ABBREVIATIONS AND UNITS OF MEASURE

Acronyms, abbreviations and units of measure used in this permit are defined as follows:

ASTM

American Society for Testing and Materials

BACT

Best Available Control Technology.

CAA

The federal Clean Air Act.

CARB

California Air Resources Board.

CFC

Chloro-fluoro-carbons. A class of compounds responsible for destroying ozone in the upper atmosphere.

CFR

The Code of Federal Regulations. 40 CFR contains the implementing regulations for federal environmental statutes such as the Clean Air Act. Parts 50-99 of 40 CFR contain the requirements for air pollution programs.

CO

Carbon monoxide.

CO₂

Carbon dioxide.

ERC

Emission reduction credit.

Federally Enforceable

All limitations and conditions which are enforceable by the Administrator of the U.S. EPA including those requirements developed pursuant to 40 CFR Part 51, Subpart I (NSR), Part 52.21 (PSD), Part 60 (NPS), Part 61 (NESHAPs), Part 63 (HAP) and Part 72 (Permits Regulation, Acid Rain) including limitations and conditions contained in operating permits issued under a U.S. EPA approved program that has been incorporated into the California SIP.

NESHAP

National Emission Standards for Hazardous Air Pollutants (see 40 CFR Parts 61 and 63).

NO_x

Nitrogen oxides.

ACRONYMS, ABBREVIATIONS AND UNITS OF MEASURE

NSPS

New Source Performance Standards. U.S. EPA standards for emissions from new stationary sources. Mandated by Title I, Section 111 of the federal Clean Air Act and implemented by 40 CFR Part 60 and SMAQMD Regulation 8.

NSR

New Source Review. A federal program for pre-construction review and permitting of new and modified sources of pollutants for which criteria have been established in accordance with Section 108 of the Federal Clean Air Act. Mandated by Title I of the federal Clean Air Act and implemented by 40 CFR Parts 51 and 52 and SMAQMD Rule 202. (Note: There are additional NSR requirements mandated by the California Clean Air Act.)

O₂

Oxygen.

Offset Requirement

A New Source Review requirement to provide federally enforceable emission offsets for the emissions from a new or modified source. Applies to emissions of ROC, NO_x, SO₂ and PM₁₀.

PM

Particulate matter.

PM₁₀

Particulate matter with aerodynamic equivalent diameter of less than or equal to 10 microns.

PSD

Prevention of Significant Deterioration. A federal program for permitting new and modified sources of those air pollutants for which the SMAQMD is classified "attainment" of the National Air Ambient Quality Standards. Mandated by Title I of the federal Clean Air Act and implemented by 40 CFR Part 52.

ROC

Reactive organic compounds.

SIP

State Implementation Plan. CARB and SMAQMD programs and regulations approved by U.S. EPA and developed in order to attain the National Air Ambient Quality Standards. Mandated by Title I of the federal Clean Air Act.

SMAQMD

Sacramento Metropolitan Air Quality Management District.

SO₂

Sulfur dioxide.

ACRONYMS, ABBREVIATIONS AND UNITS OF MEASURE

Title V

Title V of the federal Clean Air Act. Title V requires the SMAQMD to operate a federally enforceable operating permit program for major stationary sources and other specified sources.

TSP

Total suspended particulate.

U.S. EPA

The federal Environmental Protection Agency.

VOC

Volatile Organic Compounds.

UNITS OF MEASURE:

BTU	=	British Thermal Unit
cfm	=	cubic feet per minute
cm	=	centimeter
g	=	grams
gal	=	gallon
gpm	=	gallons per minute
hp	=	horsepower
hr	=	hour
lb	=	pound
in	=	inch
kg	=	kilogram
max	=	maximum
m ²	=	square meter
min	=	minute
mm	=	millimeter
MM	=	million
ppmv	=	parts per million by volume
ppmw	=	parts per million by weight
psia	=	pounds per square inch, absolute
psig	=	pounds per square inch, gauge
quarter	=	calendar quarter
RVP	=	Reid vapor pressure
scfm	=	standard cubic feet per minute
yr	=	year